

DIRECTOR OF BUREAU OF MINES IN ANNUAL REPORT SHOWS THAT LIVES MANY MINERS ARE SAVED

(By Associated Press)
WASHINGTON, Jan. 14. — One miner's life is snuffed out with every 183,000 tons of coal mined in the United States. In 1907 when the federal bureau of mines was beginning its work the ratio was greater: One life was given with every 144,000 tons. Dr. Joseph A. Holmes, director of the United States bureau of mines, in his annual report to-day to Secretary Fisher attributes the decrease in the mortality to the federal government's work in the mining fields, and points out how the enormous death list may be still further reduced.

While much remains to be done, including a broad extension of the investigation of accident and rescue work so that it will include metal and other mineral mines as well as coal mines, Dr. Holmes shows that whereas there was an average of 6.93 men killed for every 1,000,000 tons of coal mined in 1907, this number decreased steadily to 6.05 in 1908, to 5.97 the next year, 5.66 in 1910 and 5.48 in the calendar year 1911. The figures for the year just closed, it is estimated, will show further decrease in the death rate.

The death rate in the metal mines of the country is nearly as high, he declares, as in the coal fields, averaging more than three men per thousand employed; the death rate in the quarries is larger than it should be, averaging far more than that in foreign quarries; and the same is true in metallurgical plants. He recommends, therefore, that the bureau be given money to carry its mine accident investigation into these other fields in larger measure than the limited appropriations so far granted have allowed.

The enormous annual loss in mining and preparing coal for market, the huge waste of natural gas, as well as lack of efficiency and waste in the metal mining and industries are mentioned by Dr. Holmes. This extravagance of natural resources, he asserts, should be checked.

"Pioneer educational work, temporary in character," is the way in which the director refers to the mine rescue and first aid work among the more than 700,000 miners in the 15,000 mines of the country. Ultimately this must be taken care of, he says, by the coal mining companies through the training and organization of miners at each of the larger mines or groups of mines. He states that already a number of companies maintain rescue stations at their own expense. The chief purpose of the bureau of mines is to train miners in first-aid, mine-rescue and fire-fighting methods; and he adds that "during the year more than 30,000 miners have attended the lectures and demonstrations given from the mine safety cars; more than 1000 additional miners received training sufficient to enable them to participate in actual mine-rescue work, and more than twice that number have been added to the list of miners trained in first-aid practice."

Health conditions in and about mines should be investigated. In the opinion of Dr. Holmes, preliminary inquiries, he says, "have indicated the prevalence of tuberculosis and the presence of hookworm as miners' diseases in several different localities in the United States. It is important that this work should be extended rapidly, because of the fact that the health conditions, as well as the risk of accidents, may be influenced by conditions susceptible of easy improvement."

"The large and continuous influx of foreigners into the mining regions of the United States may bring to an increasing extent the hookworm and other diseases that exist in mines in parts of certain European countries. Various questions that concern the health of workers in mines, quarries and metallurgical plants cannot be answered finally without investigations and inquiries that are national in scope. Among such questions are the most efficient methods of preventing the disease peculiar to mining and metallurgical industries, and the most effective sanitary precautions to be observed in and about mines and in the various metallurgical occupations."

Especially attention is called to some of the benefits derived, both by the government and individuals, from the bureau's fuel investigations. A saving of money and the delivery of better grade coal than would have been obtained otherwise, are mentioned in this connection. More than \$5,000,000 worth of coal is bought annually by the government under specifications prepared by the bureau of mines; and additional fuel to the value of \$3,000,000 is bought by it under the general advice of the bureau. The benefits have been both general and special, the real saving being several times as great as the actual money saved because of the securing of a better coal.

During the year every mine in the United States at which an explosion or fire of any note occurred was visited by one or more engineers of the bureau, says Director Holmes, who in co-operation with or with the approval of the state or mine officials, investigated the cause of the disaster and gave such aid as was possible in preventing further loss of life and resources. Many other

mines were investigated. In all but two of the mines where large disastrous explosions have taken place during the last few years open lights were used, he says, and if safety conditions are to be improved, it seems probable that the use of electric lamps will be widely extended. The bureau has made tests showing how electric motors should be incased to render safer their operation in gaseous coal mines. It has shown that explosive mixtures of mine gasses may be ignited by the breaking of an electric light bulb.

The director dwells on the necessity of trying to prevent explosions rather than check them after they are started. In this connection he calls attention to the fact that there has been a "revelation in the use of explosives in coal mining," and the work of the bureau "in investigating explosives has alone a value far greater than the entire cost of maintaining the bureau since its establishment." He says that now more than 13,000,000 pounds a year are being used of "permissible explosives," whereas a few years ago practically none was used. Much can still be done in this direction, he adds, "and it is of great importance that investigations should be conducted with explosives for use in the metal mines and quarries of the country."

STUDENTS OF HIGH SCHOOL TO GIVE DANCE

FUNDS DERIVED FROM AFFAIR
WILL BE USED FOR ATHLETIC PURPOSES

For the purpose of raising funds to be devoted to the encouragement of athletics, the students of the Tonopah high school will give a dance at the Miners' Exchange hall on the evening of Friday, January 31. This is the only tennerment of its kind to be given annually by the high school students and a cordial invitation has been extended to the public to assist in making the affair a success.

The date selected was an open one and no other organizations have dances scheduled for that evening. It was the desire of the students to not interfere with other dances and the same consideration is asked until the dance is held.

Tonopah will be represented at the academic field meet to be held in Reno in May at which athletes from every high school in the state will participate. The success of the dance depends upon the number of representatives sent from the local school. In this connection it can be stated that in the past three academic meets Tonopah has obtained points, although several other state high schools failed to score in any event.

FANCY PRICE FOR BEEF PAID BY BUTCHERS

LOCAL MARKET PAYS OUT HUGE
SUM YESTERDAY FOR MEAT
FROM THE NORTH

That chuck steaks are today selling for a price that would have purchased a sirloin several years ago, is a fact that is forcibly realized by the house keeper of Tonopah. However, the high price of meat does not likewise mean an increased profit for the butcher was made evident yesterday when the Tonopah and Goldfield meat market received a consignment of beef from the north.

The total cost of three beefs shipped from Reno was \$246.35. This cost includes the purchase price of the animals and likewise the cost of the freight. In addition two veal were received from Fallon and the total cost of the two carcasses reached \$106.20, or over \$50 a head.

It is probable that the housekeeper may figure out, with the aid of the above figures, how it happens that the butcher is forced to use undue care in cutting up the beef that a profit might be realized.

TO TRAIN IN SOUTH

CHARLOTTESVILLE, Va., Jan. 15. — Clark Griffith, manager of the Washington Americans, it was announced today, has completed arrangements whereby his team will engage in its early spring practice here.

Griffith will have 36 men in his squad, the batteries reporting March 1, the other a week later.

NEW OFFICIALS ARE INSTALLED BY LOCAL ORDER

FRATERNAL BROTHERHOOD
HOLDS INSTALLATION CEREMONY
MONIES LAST NIGHT

Installation of officers to serve for the ensuing year was held by the Fraternal Brotherhood last night at the regular meeting held at Butler hall. B. E. Elford, past president, officiated as the installing official and the following members took the oath of office:

President, Ada Leonard; vice president, Mrs. Stella Toland; chaplain, Mrs. Iva Pashby; sergeant-at-arms, Mrs. Jennie Ripplingham; mistress at arms, Mrs. Louisa McDonald; inner doorkeeper, Mrs. A. Hallihan; outer doorkeeper, Mrs. Susan Merten; physician, Dr. Cowden; musician, Mrs. Pauline Wilson; trustees, Charles Toland, Otis Pashby and B. E. Elford; secretary and treasurer, Mrs. Charles Rogers.

During the business session of the meeting it was agreed that the fifth annual ball of the order be given at the Miners' Exchange hall on the evening of March 12. A committee was appointed to have charge of the annual feature and arrangements are now under way to make the ball an unqualified success.

EAGLES AERIE WILL INITIATE CLASS FRIDAY

MEMBERS OF GOLDFIELD LODGE
TO ATTEND ABOARD SPECIAL
TRAIN

There will be a warm time in Tonopah Friday night, even though the thermometer decrees otherwise. The occasion will be the initiation of Tonopah by a special train load of Goldfield Eagles, who will participate in the initiation of a class of 60 candidates who have sought membership in the Tonopah aerie. The Goldfield team has been preparing for the event for several weeks as it will afford an opportunity to even up matters, for the local team recently officiated at the initiatory exercises when a class was admitted to membership in the Goldfield aerie.

The special train will leave Goldfield about 7 o'clock and on arrival here will be met at the depot by members of the local aerie. The Tonopah school boys' band will also be in evidence and will escort the visitors to the Mizpah hotel. All ladies accompanying the visitors will gather at the Mizpah hotel and will be the guests of wives of local Eagles at a theater party to be given at the Butler. At the conclusion of the theater, the ladies will return to the hotel where an informal dance will be held.

At the Elks hall the Eagles will gather for the conferring of the work. Goats from both the Goldfield and Tonopah aeries will be in evidence and will vie with one another to procure the best results at the expense of the candidates. At the conclusion of the lodge session a banquet will be served. It is claimed that the banquet will surpass any feed ever given in this city. At the conclusion of the feast the Eagles will join their ladies at the Mizpah and dance until an early hour in the morning when the Goldfield visitors will board their special and return to their home.

DANCING CLUB TO GIVE BALL SATURDAY NIGHT

The regular Saturday night dance, which has been given throughout the winter months without interruption, will be held at the Miners' Exchange hall this coming Saturday evening. These affairs have proved enjoyable occasions to the dance lovers of Tonopah and a good attendance has always been in evidence.

OHIO GOVERNOR'S MESSAGE

COLUMBUS, Jan. 15.—In his first message to the general assembly, delivered to that body today, Ohio's new governor, James M. Cox, strongly favored the direct election of United States senators, the short ballot, the establishment of long-term farm loans, compulsory workmen's compensation, reduction in the hours of labor for workmen and a law based upon a recent amendment to the state's legislation to shorten legal procedure.

FORMER POLICE CHIEF NOT TO BE PARDONED

OLYMPIA, Wash., Jan. 15.—Governor Marion E. Hay announced late last night that he would not pardon Charles W. Wapenstein, former chief of police of Seattle, who is serving a term of from three to ten years in the state penitentiary for receiving a bribe from a keeper of a disorderly house. Governor Hay made this announcement after he received the report of Special Commissioner Elmer E. Todd, appointed to give a re-hearing to the petitioners asking Wapenstein's pardon.

MINER DRILLS INTO MISSED HOLE AND IS KILLED

GROVER WILKERSON MEETS
WITH FATAL ACCIDENT IN
BELMONT LAST NIGHT

Grover C. Wilkerson, a miner, was instantly killed last night while employed at the Belmont mine, by drilling into a missed hole. The accident occurred shortly after 2 o'clock this morning. Miners, working in the vicinity of where Wilkerson was drilling, rushed to the scene at the sound of the explosion. The body was badly mangled from the flying rocks. It was taken to the undertaking parlors of Wonacott and Cavanaugh to be held pending arrangements for the funeral.

Wilkerson was working his third shift at the mine. Previously he had been employed for a short time, but had resigned his position. He has a mother at Lone Pine, Cal., and a brother living in this camp. He was not a member of the Western Federation of Miners and the funeral will be arranged by relatives. The mother has been communicated with and pending word from her the arrangements are being held in abeyance.

JOE DONNELLEY SAYS ROCHESTER IS SURE WINNER

RETURNS TO TONOPAH TODAY
AFTER MAKING THIRD VISIT
TO NEW CAMP

"Rochester is a sure winner," declared Joe Donnelley upon his return to Tonopah this morning, after spending some time in the new camp located in Humboldt county. Donnelley has made three visits to the camp and on each occasion he became more strongly impressed with the district.

The camp has a future and within the next few months the developments will cause a great deal more excitement than is to be noted today," continued Donnelley. He stated that over 1000 people were in the district and each day witnessed the arrival of from 10 to 50 additional stampedees. The ground is covered with about six inches of snow and already the exposure to which new arrivals are subjected has caused sickness.

The floors of the saloons are covered with mud and slush. It is in the saloons that many are forced to find accommodations, owing to the great influx of strangers. The dampness in the resorts has caused the sickness and to date two deaths have occurred. Unless the weather moderates there is reason to fear an epidemic.

The properties being developed are producing better showings with each day's work and the extent of the work insures the camp with a glowing future. Many important mining deals have been transacted within the past two weeks and new capital to secure claims and leases is arriving daily.

ADDITIONAL PERSONALS

JOE DONNELLEY, the mining man, returned from Rochester this morning. He reports six inches of snow in the new camp, but says the new "diggings" is a sure winner.

ERNEST HALL, local manager of the Manhattan Tel. & Tel. office and Postal Telegraph company, returned from Oakland this morning where he was called on the sad mission of the demise of his beloved wife, who passed away in that city two weeks ago.

GEORGE HALE BRABROOK of the Manhattan War Eagle Mining company, accompanied by Oscar A. Daube, arrived on train 21 this morning from New York.

G. M. WILLS, district manager of the Nevada California Power company, came over from Goldfield this morning and is attending to "juice" business for his company today.

EMERY MARTY of the Richards Mercantile company was a passenger for Reno this morning.

T. D. VANDEVORT departed for Reno this morning to be absent several weeks.

H. N. HORNBERGER, R. S. Conroy, J. C. Jensen and H. J. Genen came up from Millers this morning to attend the funeral of the late O. D. Smith, which was held this afternoon.

A. A. TURNER of Beatty is registered at the Mizpah.

W. W. THOMPSON of San Francisco arrived on this morning's train from the north and is stopping at the Mizpah.

SECRET VENIRE DRAWN
TO HEAR DARROW CASE

(By Associated Press)
LOS ANGELES, Jan. 15.—A secret venire of 125 men has been summoned for prospective jurors in the second trial of Clarence Darrow for bribery, which has been set for next Monday.

JOHNSON ALLOWED LIBERTY

EXPLANATION OF ATTEMPT TO
LEAVE UNITED STATES
PROVES SATISFACTORY

(By Associated Press)
CHICAGO, Jan. 15.—Jack Johnson, who was intercepted at Battle Creek, Michigan yesterday, en route to Canada, while under bail at Chicago, gave a satisfactory explanation to Judge Carpenter and his \$30,000 bond covering the charges under the white slave act was allowed to stand. Johnson was allowed time to secure a new \$5000 bond on the smuggling charge on which he surrendered.

LIFE SAVING STATION WRECKED BY LIGHTNING

TWO SUCCESSIVE BOLTS WRECK
STATION AT POINT BONITA,
CALIFORNIA

(By Associated Press)
SAN FRANCISCO, Jan. 15.—Two successive bolts of lightning early this morning wrecked the Point Bonita life saving station on the Marin county side of the Golden Gate. A heavy rain prevented a fire. No one was injured. The weather bureau reports rain throughout the state, though light south of the Tehachapi where a bountiful downpour is assured later.

RANKS OF STRIKERS STRENGTHENED DAILY

(By Associated Press)
NEW YORK, Jan. 15.—Nearly 40,000 dress and shirt makers were added today to the ranks of the garment making trades out on strike now numbering nearly 200,000. All those striking today are girls, some under 14 years of age.

CRUISER DENVER IS ORDERED TO ACAPULCO

(By Associated Press)
WASHINGTON, Jan. 15.—The cruiser Denver has been ordered from San Diego to Acapulco, Mex., where a desperate situation is reported with Americans in danger. She will sail tomorrow and should arrive in four days. The commander has about 200 bluejackets and a company of marines.

DIFFICULTY DISPOSING OF CALIFORNIA BONDS

(By Associated Press)
LOS ANGELES, Jan. 15.—Difficulty in disposing of eighteen millions of California state highway bonds carrying 4 per cent interest may delay the construction indefinitely according to Highway Commissioner Darlington, who is on his way to Sacramento to urge the legislature to increase the rate of interest.

ROCKEFELLER IS NOT CALLED AS A WITNESS

(By Associated Press)
WASHINGTON, Jan. 15.—Although suffering from shaking palsy and unable to speak above a whisper, William Rockefeller was unable to undergo a brief examination before the money trust committee if his testimony was of paramount importance, was the report of Dr. Richardson to the committee today. Rockefeller was not called.

SIX INCHES OF SNOW IN VICINITY OF RENO

(By Associated Press)
RENO, Jan. 15.—With six inches of snow on the level in this vicinity indications are that western Nevada is facing the heaviest snowstorm of several years.

FLOOD IS ABATING ALONG OHIO RIVER

(By Associated Press)
CINCINNATI, Jan. 15.—The Ohio flood is abating and relief work will be continued until the sufferers are able to return to their homes.

HAMMOND IS SUE

SAN FRANCISCO, Jan. 15.—Suits against C. B. Hammond, charged with cutting timber valued at \$211,000 from government lands in Montana, was begun here today in the United States district court.

WELLING KNOCKED OUT

MILWAUKEE, Wis., Jan. 15.—Jack Redmond of Milwaukee knocked out Joe Welling of Chicago in the fourth round of their 10-round battle here last night.

BOND FOR PRISONERS DISPROVED

PRESIDENT RYAN OF IRON
WORKERS MUST REMAIN AT
LEAVENWORTH PRISON

(By Associated Press)
CHICAGO, Jan. 15.—Bonds for the release of Frank M. Ryan, F. H. Houlihan, William Schupe and William E. Reddin, imprisoned for the illegal transportation of dynamite, were disproved today by United States District Attorney Miller in the circuit court of appeals on the ground that the property scheduled for security was insufficient in value. The bond of C. M. Beum was approved.

Attorneys for the labor leaders said they would make another effort to obtain securities. The court declined to issue a writ of supercedas admitting to bail Herbert Hookin. The district attorney said Hookin had already admitted his guilt.

RESUMPTION OF WAR MAY YET BE ARBITRATED

BALKAN ALLIES WILL ALLOW
TURKS OPPORTUNITY TO
STUDY SITUATION

(By Associated Press)
LONDON, Jan. 15.—Today's meeting of the ambassadors of the powers was devoted chiefly to the discussions of methods for arbitrating the threatened resumption of war by the Balkans. The plenipotentiaries and allies decided to delay further action until the Turkish government had a full opportunity to consider the note of the ambassadors.

VAIL PITTMAN NOW WITH NATIONAL BANK

Vail Pittman, who has been interested in mining in the Manhattan district for the past year, has again taken up his residence in Tonopah, having become connected with the Nevada First National bank of Tonopah. Pittman succeeds William Morris, who resigned and leaves shortly for Los Angeles.

PHILA. NATIONALS ARE PURCHASED BY LOCKE

(By Associated Press)
PHILADELPHIA, Jan. 15.—W. H. Locke of Pittsburgh today purchased the Philadelphia National League baseball club.

WASHINGTON HAS FIRST DEMOCRATIC GOVERNOR

(By Associated Press)
OLYMPIA, Jan. 15.—With simple ceremonies, Ernest Lister was inaugurated today as the first democratic governor of Washington.

SUGAR TRUST FAVORS REDUCTION OF TARIFF

(By Associated Press)
WASHINGTON, Jan. 15.—The American Sugar Refining company went on record today before the house ways and means committee in favor of a reduced tariff on sugar with the retention of a differential on refined and present color standards.

VESSEL BLOWN ON COAST AND NINE ARE DROWNED

(By Associated Press)
NEWCASTLE ON TYNE, Jan. 15.—Nine of the crew of the Russian bark California were drowned today when that vessel was blown onto the coast of Northumberland and totally wrecked. The captain and seven men were saved.

GAS FUMES EXPLODE AND WORKMAN KILLED

(By Associated Press)
CHICAGO, Jan. 15.—One man was killed, another reported perished and five seriously injured from an explosion of gas fumes after a dynamite explosion in the city water tunnel today.

MAKE ALCOHOL OUT OF FROST BITTEN FRUIT

(By Associated Press)
LOS ANGELES, Jan. 15.—A solution of the problem of disposing of frost bitten fruit in the citrus belt was partially reached today when it was decided to experiment with oranges and lemons in the manufacture of denatured alcohol.

TEMPERATURE REPORT

Highest temperature yesterday, 33; a year ago, 55; lowest last night, 22; a year ago, 37.